

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-13 (Canceled)

Claim 14 (Currently Amended): An information storage medium configured to have data recorded thereon and data reproduced therefrom by an information recording/reproducing apparatus, said data including control information and video object data, said data forming a plurality of error correction code blocks, wherein a predetermined number of sectors constitute each error correction code block, and each of said sectors has a predetermined size, the information storage medium comprising:

a data area configured to store:

the video object data, and

a plurality of error correction code blocks, wherein a predetermined number of sectors form each error correction code block, and each of said sectors has a predetermined size; and

a data area configured to store the video object data; and

a control information recording area configured to store said control information, the control information being configured to manage the video object data and including an AV file information table having a first table area configured to store object stream information, and a second table area configured to store AV file information configured to manage information of the video object data, the AV file information including a plurality of object information, each said object information including information of a video object units of the video object data, and a plurality of object information search pointers associated with the plurality of object information, wherein:

said video object data is configured to be recorded in at least one of the video objects
object units,

 an object corresponding to the video object data is allocated with or corresponds to
 one or more of the plurality of error correction code blocks,

 an error correction code block address being defined in units of the error correction
 code block corresponds to an integer multiple of said sectors,

 each said object information included in said AV file information includes time map
 information including time map general information, one or more time entries, and one or
 more data video object unit entries, and

 each data video object unit entry includes size information of a corresponding data
 video object unit of the video object, data

wherein the recording/reproducing apparatus, in accordance with the control
 information, accesses the video object data.

Claim 15 (Currently Amended): An information recording method for recording
information on an information storage medium configured to have data recorded thereon, said
data including control information and video object data, said data forming a plurality of
error correction code blocks, wherein a predetermined number of sectors constitute each error
correction code block, and each of said sectors has a predetermined size, the information
storage medium including, including:

a data area configured to store:

video object data, and

a plurality of error correction code blocks, wherein a predetermined number of
 sectors form each error correction code block, and each of said sectors has a
 predetermined size, and

a data area configured to store the video object data, and

a control information recording area configured to store control information for managing the video object data, the control information including an AV file information table having a first table area configured to store object stream information, and a second table area configured to store AV file information configured to manage information of the video object data, the AV file information including a plurality of object information, each said object information including information of a video object units of the video object data, and a plurality of object information search pointers associated with the plurality of object information, wherein:

 said video object data is configured to be recorded in at least one of the video objects object units,

an object corresponding to the video object data is allocated with or corresponds to one or more of the plurality of error correction code blocks,

 an error correction code block address being defined in units of the error correction code block ~~corresponds to an integer multiple of said sectors~~,

 each said object information included in said AV file information includes time map information including time map general information, one or more time entries, and one or more data video object unit entries, and

 each data video object unit entry includes size information of a corresponding data video object unit of the video object data,

the information recording method comprising:

recording the object into the data area; and

recording the video control information, including the plurality of object information, into the control information recording area.

Claim 16 (Currently Amended): An information reproducing method for reproducing information recorded on an information storage medium configured to have data reproduced therefrom, said data including control information and video object data, said data forming a plurality of error correction code blocks, wherein a predetermined number of sectors constitute each error correction code block, and each of said sectors has a predetermined size, the information storage medium including, that includes,

a data area including:

video object data, and

a plurality of error correction code blocks, wherein a predetermined number of sectors form each error correction code block, and each of said sectors has a predetermined size, and

a data area configured to store the video object data, and

a control information recording area including control information for managing the video object data, the control information including an AV file information table having a first table area including object stream information, and a second table area including AV file information configured to manage information of the video object data, the AV file information including a plurality of object information, each said object information including information of a video object units of the video object data, and a plurality of object information search pointers associated with the plurality of object information, wherein:

said video object data is recorded in at least one of the video objects object units,

an object corresponding to the video object data is allocated with or corresponds to one or more of the plurality of error correction code blocks,

an error correction code block address being defined in units of the error correction code block corresponds to an integer multiple of said sectors,

each said object information included in said AV file information includes time map information including time map general information, one or more time entries, and one or more data video object unit entries, and

each data video object unit entry includes size information of a corresponding data video object unit of the video object data,

the information reproducing method comprising:

~~reproducing the video object data from the data area; and~~

reproducing the control information, including the plurality of object information, from the control information recording area; and

reproducing the video object from the data area.

Claim 17 (Currently Amended): An information reproducing apparatus for reproducing information recorded on an information storage medium configured to have data reproduced therefrom, said data including control information and video object data, said data forming a plurality of error correction code blocks, wherein a predetermined number of sectors constitute each error correction code block, and each of said sectors has a predetermined size, the information storage medium including, that includes

a data area including:

~~video object data, and~~

~~a plurality of error correction code blocks, wherein a predetermined number of sectors form each error correction code block, and each of said sectors has a predetermined size, and~~

a data area configured to store the video object data, and

a control information recording area including control information for managing the video object data, the control information including an AV file information table having a

first table area including object stream information, and a second table area including AV file information configured to manage information of the video object data, the AV file information including a plurality of object information, each said object information including information of a video object units of the video object data, and a plurality of object information search pointers associated with the plurality of object information, wherein:

 said video object data is recorded in at least one of the video objects object units,
 an object corresponding to the video object data is allocated with or corresponds to
 one or more of the plurality of error correction code blocks,
 an error correction code block address being defined in units of the error correction code block ~~corresponds to an integer multiple of said sectors~~,
 each said object information included in said AV file information includes time map information including time map general information, one or more time entries, and one or more data video object unit entries, and
 each data video object unit entry includes size information of a corresponding data video object unit of the video object data,
 the information reproducing apparatus comprising:
 a first reproducer configured to reproduce the video object data from the data area;
 and
 a second reproducer configured to reproduce the control information, including the plurality of object information, from the control information recording area.